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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/732,531	03/07/2001	Watsaka Chuangsuvanish		3040

7590 11/25/2003

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EXAMINER

CUFF, MICHAEL A

ART UNIT	PAPER NUMBER
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3627

DATE MAILED: 11/25/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/732,531

Applicant(s)

CHUANGSUVANISH, WATSAKA

Examiner

Michael Cuff

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-- Th MAILING DATE of this communication appears on the cover sheet with the correspond nce address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 September 2001.
- 2a) ☒ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4 6) ☐ Other: _____

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DETAILED ACTION

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the mean to group and show, the mean to interpret, a dynamic financial accounting spreadsheet, a data input unit, a school of thinking, a group of concepts, and a group of methods of application must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: The mean to group and show and the mean to interpret is not defined in the specification. From the specification, the examiner interpreted "a mean to group and show business information" as a dynamic financial accounting spreadsheet. However, the claim recites a data input unit included in this term. Is the "mean to group and show" a computer system? Is it just software? It is not clear, and the specification does not provide enough guidance to determine, what the scope of the term "a mean to group and show business information" is.

The term "mean to interpret business information" comprises "a school of thinking", which includes concepts and applications. It is not clear, and the specification does not provide enough guidance to determine, what this "mean" is. For example, application "1)" recites, "This software would help clarify these interrelationships both in the overview picture and focusing details." This helps clarify some vague term of "these interrelationships", not interpret business information. Application "2)" recites, "Possessing the tangible capability to overview and focus all 6 dimensions of the 6 M's, this software enables us to balance, harmonize and synergise all business components." What is the "tangible capability"? How does the software enable one to balance, harmonize and use synergism for all business components?

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The mean to group and show and the mean to interpret is not defined in the specification. From the specification, the examiner interpreted "a mean to group and show business information" as a dynamic financial accounting spreadsheet. However, the claim recites a data input unit included in this term. Is the "mean to group and show" a computer system? Is it just software? It is not clear, and the specification

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does not provide enough guidance to determine, what the scope of the term “a mean to group and show business information” is.

The term “mean to interpret business information” comprises “a school of thinking”, which includes concepts and applications. It is not clear, and the specification does not provide enough guidance to determine, what this “mean” is. For example, application “1)” recites, “This software would help clarify these interrelationships both in the overview picture and focusing details.” This helps clarify some vague term of “these interrelationships”, not interpret business information. Application “2)” recites, “Possessing the tangible capability to overview and focus all 6 dimensions of the 6 M’s, this software enables us to balance, harmonize and synergise all business components.” What is the “tangible capability”? How does the software enable one to balance, harmonize and use synergism for all business components?

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 1, as best understood by the examiner, is rejected under 35 U.S.C. 102(e) as being anticipate by Clancey et al.

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The toolkit includes a knowledge base with a dictionary of domain-specific terms, which can be selected by a user to create and edit a report. The toolkit can also assemble predefined reports that can be customized with one or more editing tools (methods of application). The toolkit can be used to help frame, formulate, and interpret an analysis for common business purposes. (means to interpret business information) In the implementation described, the toolkit manages electronic spreadsheets using a knowledge base that represents how terms in domain-specific reports (i.e., financial statements) are related. This toolkit enhances an Excel spreadsheet by managing information and models and providing an interface between spreadsheets (cell and formulas, means to group and show business information) and databases (inputs, data input unit). The toolkit provides a library of reusable components (objects, concepts) that contains definitions of numeric calculations in terms of business, organization, product, geographic, and time relations. The toolkit allows a user to easily create a standardized report based upon a predefined template or to create an arbitrary, syntactically and semantically correct report from the terms contained within the built-in dictionary, which may be customized with user synonyms. The toolkit also creates an input spreadsheet that can be used to link all non-calculated cells appearing in a report to a user-supplied database. The input spreadsheet readily allows a user to perform what-if analyses.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Cuff whose telephone number is (703) 308-0610. The examiner can normally be reached on 8:00 to 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Olszewski can be reached on (703) 308-5183. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9326.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

Michael Cuff 11/17/03
Michael Cuff
November 17, 2003